

**To the Mayor and Members of the City Council****February 9, 2016**

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SUBJECT: ROUNDABOUT CONSTRUCTION ON EAST ROSEDALE

This Informal Report provides a summary on the construction of roundabouts on East Rosedale and the signage and pavement markings that are provided at these locations and other roundabout locations throughout the City.

The East Rosedale arterial improvement project is a two mile reconstruction project located in East Fort Worth beginning at the intersection of US 287 Northbound Frontage Road and ending at Miller Avenue. The project includes arterial roadway improvements and construction of two roundabouts at the intersections of Mitchell Boulevard and Ayers Avenue. Construction began in April 2013 and is scheduled to be substantially completed by February 12, 2016.

The roundabouts constructed as part of the Rosedale corridor improvements, are similar in nature to other two-lane roundabouts that have been constructed throughout the City. The Rosedale locations are not completely finished in regards to advanced informational signs indicating that the intersection ahead is a roundabout. Advanced overhead lane assignment signs have been installed indicating the travel paths through the roundabouts along with street name signs. The remaining advanced informational signs indicating that a roundabout is being approached, as has been installed at recently constructed roundabouts throughout the City, should be installed by February 12, 2016.

Pavement markings have been completed at the two Rosedale roundabouts and in the case of these two locations, additional contrast markings – black outline markings are in place for all markings to create a better contrast for the white pavement markings and the grey color of the concrete travel lanes.

In addition to this signage, additional modifications are scheduled to occur regarding the pavement area within the inter-circle of the roundabout. At other roundabout locations throughout the City, this inter-circle pavement area has a greater color differential than the travel lane pavement area – providing better guidance to the driver and maintaining their path in the circular travel lanes. This inter-circle pavement area is the travel path for the rear wheels of large trucks and is called the “truck apron” area. The initial design for the Rosedale roundabouts provided a darker shade of “grey” for this pavement area which has proven not to be dark enough to produce the desired contrast with the travel lanes. A darker wearing surface, similar in color to the bricks used throughout the project will be installed on the existing pavement in this inter-circle to produce the desired contrast and keep vehicles from deviating from the intended travel lanes as they travel through the roundabout. The darker wearing surface will be completed by application of concrete staining after the average temperature reaches 60 degrees to allow proper curing. In addition, yellow raised reflective pavement markers will be placed along the edge of the curb line for the inter-circle area.

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The Rosedale roundabouts, like other roundabouts recently constructed throughout the City, are designed and constructed with appropriate signs, markings and pavement features to safely guide motorists. Please contact Todd Blomstrom, TPW Assistant Director at 817-392-2252 with any questions regarding this project or the design of roundabouts.

David Cooke
City Manager